

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	2	6272593.pn.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 11:27
2	BRS	L2	5202	director\$3 with stor\$3 with file\$1	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 11:28
3	BRS	L3	2903	2 and (@rlad<=19980410 or @ad<=19980410)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:06
4	BRS	L4	14	3 and (automatical\$5 with balanc\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:06
5	BRS	L5	8	4 and threshold\$3	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 11:40
6	BRS	L6	6	5 and (cach\$3 same director\$3)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:45
7	BRS	L7	23	3 and (automatical\$5 same balanc\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 11:54
8	BRS	L8	9	7 and (cach\$3 same director\$3)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 11:54
9	BRS	L9	0	4 and http\$1	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:06

	Type	L #	Hits	Search Text	DBs	Time Stamp
10	BRS	L10	88	3 and (load\$4 same balanc\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:08
11	BRS	L11	0	10 and (automaticl\$4 same load\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:08
12	BRS	L13	37	12 and threshold\$1	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:10
13	BRS	L14	1	13 and http\$1	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:10
14	BRS	L15	9	13 and internet\$1	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:11
15	BRS	L12	88	10 and (automaticl\$4 same2 load\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:40
16	BRS	L16	3	599930.pn.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:40
17	BRS	L17	2	5999930.pn.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:44

	Document ID	Issue Date	Title	Current OR	Current XRef	Inventor
1	US 20020199060 A1	20021226	Computer system and process for transferring multiple high bandwidth streams of data between multiple storage units and multiple applications in a scalable and reliable manner	711/114	711/167	Peters, Eric C. et al.
2	US 20020162047 A1	20021031	Computer system and process for transferring streams of data between multiple storage units and multiple applications in a scalable and reliable manner	714/5	707/200; 709/203; 711/114	Peters, Eric C. et al.
3	US 20020004744 A1	20020110	Micro-target for broadband content	705/14		Muyres, Matthew R. et al.
4	US 20020002488 A1	20020103	Locally driven advertising system	705/14		Muyres, Matthew R. et al.
5	US 20010056405 A1	20011227	Behavior tracking and user profiling system	705/52		Muyres, Matthew R. et al.
6	US 20010047421 A1	20011129	Enhanced network communication	709/230		Sridhar, Manickam R. et al.
7	US 20010042016 A1	20011115	Local portal	705/14		Muyres, Matthew R. et al.
8	US 20010010046 A1	20010726	Client content management and distribution system	705/52		Muyres, Matthew R. et al.
9	US 6449688 B1	20020910	Computer system and process for transferring streams of data between multiple storage units and multiple applications in a scalable and reliable manner	711/112	707/205; 709/233; 711/170; 725/92	Peters, Eric C. et al.
10	US 6421429 B1	20020716	Network-based system enabling image communications	379/93.17	379/100.13; 379/93.15	Merritt, Andrew C. et al.
11	US 6415373 B1	20020702	Computer system and process for transferring multiple high bandwidth streams of data between multiple storage units and multiple applications in a scalable and reliable manner	711/167	707/205; 709/233; 711/114; 714/6; 725/92; 725/93	Peters, Eric C. et al.
12	US 6415280 B1	20020702	Identifying and requesting data in network using identifiers which are based on contents of data	707/2	707/10; 707/101; 707/3; 709/203; 709/219; 709/229	Farber, David A. et al.
13	US 6374336 B1	20020416	Computer system and process for transferring multiple high bandwidth streams of data between multiple storage units and multiple applications in a scalable and reliable manner	711/167	707/205; 709/233; 711/114; 714/6; 725/92; 725/93	Peters, Eric C. et al.
14	US 6330709 B1	20011211	Virtual machine implementation for shared persistent objects	717/100		Johnson, Maynard Paul et al.
15	US 6324582 B1	20011127	Enhanced network communication	709/230	709/228	Sridhar, Manickam R. et al.
16	US 6298386 B1	20011002	Network file server having a message collector queue for connection and connectionless oriented protocols	709/234	709/203; 709/213	Vahalia, Uresh K et al.
17	US 6275953 B1	20010814	Recovery from failure of a data processor in a network server	714/11	714/4	Vahalia, Uresh K. et al.
18	US 6272536 B1	20010807	System and method for the distribution of code and data	709/217	707/201	van Hoff, Arthur A et al.

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19	US 6253188 B1	20010626	Automated interactive classified ad system for the internet	705/14	705/1; 705/26; 705/27; 705/28; 705/29; 705/34; 705/37	Witek, Anthony L. et al.
20	US 6230200 B1	20010508	Dynamic modeling for resource allocation in a file server	709/226	709/219	Forecast, John et al.
21	US 6212657 B1	20010403	System and process for delivering digital data on demand	714/746	714/6	Wang, Pong-sheng et al.
22	US 6208993 B1	20010327	Method for organizing directories	707/102		Shadmon, Moshe
23	US 6192408 B1	20010220	Network file server sharing local caches of file access information in data processors assigned to respective file systems	709/229	709/217; 709/226	Vahalia, Uresh K. et al.
24	US 6185601 B1	20010206	Dynamic load balancing of a network of client and server computers	709/203	709/105; 709/201; 709/205; 709/223; 709/224; 709/235	Wolff, James J.
25	US 6173311 B1	20010109	Apparatus, method and article of manufacture for servicing client requests on a network	709/202	709/105; 709/217	Hassett, Gregory P. et al.
26	US 6173293 B1	20010109	Scalable distributed file system	707/201		Thekkath, Chandramohan A. et al.
27	US 6138162 A	20001024	Method and apparatus for configuring a client to redirect requests to a caching proxy server based on a category ID with the request	709/229	709/218	Pistriotto, Joseph C. et al.
28	US 6112212 A	20000829	Systems and methods for organizing and analyzing information stored on a computer network	715/501.1	707/100	Heitler, Jesse
29	US 6101508 A	20000808	Clustered file management for network resources	709/223	707/1; 707/200; 709/105; 709/200; 709/216; 709/218; 709/224; 709/226; 709/239; 709/246	Wolff, James J.
30	US 6081898 A	20000627	Unification of directory service with file system service	713/201	707/10; 707/9; 709/201	Miller, Arnold et al.
31	US 6067545 A	20000523	Resource rebalancing in networked computer systems	707/10	370/238; 370/399; 707/1; 709/105; 709/200; 709/216; 709/223; 709/224; 709/226	Wolff, James J.
32	US 6061504 A	20000509	Video file server using an integrated cached disk array and stream server computers	709/219	709/203; 710/52; 711/113	Tzelnic, Percy et al.
33	US 6044367 A	20000328	Distributed I/O store	707/2	707/1	Wolff, James J.
34	US 6032216 A	20000229	Parallel file system with method using tokens for locking modes	710/200	707/10; 709/226	Schmuck, Frank B. et al.
35	US 6029168 A	20000222	Decentralized file mapping in a striped network file system in a distributed computing environment	707/10	340/825; 345/424; 707/8	Frey, Alexander H.

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36	US 6026474 A	20000215	Shared client-side web caching using globally addressable memory	711/202	707/10; 707/104.1; 709/201; 709/203; 711/121; 711/147	Carter, John B. et al.
37	US 6023706 A	20000208	Parallel file system and method for multiple node file access	707/200		Schmuck, Frank B. et al.
38	US 6023586 A	20000208	Integrity verifying and correcting software	717/178	707/10; 707/203; 709/220; 717/176; 717/177	Gaisford, Calvin R. et al.
39	US 6021508 A	20000201	Parallel file system and method for independent metadata login	714/4	714/20	Schmuck, Frank B. et al.
40	US 6021408 A	20000201	Methods for operating a log device	707/8	707/201; 707/202; 707/206	Ledain, Joel E. et al.
41	US 5996054 A	19991130	Efficient virtualized mapping space for log device data storage system	711/203	709/321; 711/112; 711/206; 711/207; 711/6	Ledain, Joel E. et al.
42	US 5987621 A	19991116	Hardware and software failover services for a file server	714/4	709/224	Duso, Wayne W. et al.
43	US 5987506 A	19991116	Remote access and geographically distributed computers in a globally addressable storage environment	709/213	707/10; 709/201; 711/147	Carter, John B. et al.
44	US 5987477 A	19991116	Parallel file system and method for parallel write sharing	707/201	707/10; 707/200; 707/205; 707/8; 709/203; 709/213; 711/170	Schmuck, Frank B. et al.
45	US 5974503 A	19991026	Storage and access of continuous media files indexed as lists of raid stripe sets associated with file names	711/114	714/6; 714/7	Venkatesh, Dinesh et al.
46	US 5974424 A	19991026	Parallel file system and method with a metadata node	707/201	707/200	Schmuck, Frank B. et al.
47	US 5963963 A	19991005	Parallel file system and buffer management arbitration	707/205	707/10; 711/114	Schmuck, Frank B. et al.
48	US 5960446 A	19990928	Parallel file system and method with allocation map	707/205	707/10; 707/101; 707/9	Schmuck, Frank B. et al.
49	US 5956734 A	19990921	Parallel file system with a quota check utility	707/205	707/202; 707/8	Schmuck, Frank B. et al.
50	US 5950199 A	19990907	Parallel file system and method for granting byte range tokens	707/8	707/10; 707/3; 709/201; 709/210; 709/223	Schmuck, Frank B. et al.
51	US 5948062 A	19990907	Network file server using a cached disk array storing a network file directory including file locking information and data mover computers each having file system software for shared read-write file access	709/219	707/10; 707/205; 709/202; 709/203; 709/220; 709/229; 711/100; 711/111	Tzelnic, Percy et al.
52	US 5946686 A	19990831	Parallel file system and method with quota allocation	707/10	709/229	Schmuck, Frank B. et al.
53	US 5944789 A	19990831	Network file server maintaining local caches of file directory information in data mover computers	709/214	707/7; 707/8; 711/118; 711/145	Tzelnic, Percy et al.
54	US 5940841 A	19990817	Parallel file system with extended file attributes	707/205	707/202; 707/8	Schmuck, Frank B. et al.

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55	US 5940838 A	19990817	Parallel file system and method anticipating cache usage patterns	707/200		Schmuck, Frank B. et al.
56	US 5928327 A	19990727	System and process for delivering digital data on demand	725/88	709/219; 725/93; 725/97	Wang, Pong-sheng et al.
57	US 5919247 A	19990706	Method for the distribution of code and data updates	709/217	707/201; 717/173	Van Hoff, Arthur et al.
58	US 5918229 A	19990629	Structured data storage using globally addressable memory	707/10	705/26; 707/200; 707/205; 709/218; 711/147	Davis, Scott H. et al.
59	US 5909540 A	19990601	System and method for providing highly available data storage using globally addressable memory	714/4		Carter, John B. et al.
60	US 5907837 A	19990525	Information retrieval system in an on-line network including separate content and layout of published titles	707/3	707/104.1; 715/500; 715/517; 715/522; 715/525; 715/526	Ferrel, Patrick J. et al.
61	US 5893140 A	19990406	File server having a file system cache and protocol for truly safe asynchronous writes	711/118	706/908	Vahalia, Uresh K et al.
62	US 5893086 A	19990406	Parallel file system and method with extensible hashing	707/1	707/10; 707/2	Schmuck, Frank B. et al.
63	US 5892915 A	19990406	System having client sending edit commands to server during transmission of continuous media from one clip in play list for editing the play list	709/219	725/116; 725/93	Duso, Wayne W. et al.
64	US RE36145 E	19990316	System for managing tiled images using multiple resolutions	345/538	345/501; 345/555; 382/232; 709/200	DeAguiar, John R. et al.
65	US 5878421 A	19990302	Information map	707/100	707/1; 707/101; 707/104.1; 707/2; 707/3	Ferrel, Patrick J. et al.
66	US 5875296 A	19990223	Distributed file system web server user authentication with cookies	713/202		Shi, Shaw-Ben et al.
67	US 5842214 A	19981124	Distributed file system providing a unified name space with efficient name resolution	707/10	707/1; 709/229; 713/200	Whitney, Alan et al.
68	US 5838912 A	19981117	Distribution of digitally encoded presentations	709/204		Poon, Peter et al.
69	US 5832515 A	19981103	Log device layered transparently within a filesystem paradigm	707/202	709/321	Ledain, Joel E. et al.
70	US 5737747 A	19980407	Prefetching to service multiple video streams from an integrated cached disk array	711/118	711/113	Vishlitzky, Natan et al.
71	US 5701462 A	19971223	Distributed file system providing a unified name space with efficient name resolution	707/10	707/100; 707/200; 709/229; 709/246	Whitney, Alan et al.
72	US 5689700 A	19971118	Unification of directory service with file system services	707/10		Miller, Arnold et al.
73	US 5678042 A	19971014	Network management system having historical virtual catalog snapshots for overview of historical changes to files distributively stored across network domain	714/47	707/10; 707/7; 709/224; 710/100	Pisello, Thomas et al.
74	US 5675787 A	19971007	Unification of directory service with file system services	707/104.1	709/229	Miller, Arnold et al.

	Document ID	Issue Date	Title	Current OR	Current XRef	Inventor
75	US 5649194 A	19970715	Unification of directory service with file system services	707/200	707/9; 715/533	Miller, Arnold et al.
76	US 5649118 A	19970715	Smart card with multiple charge accounts and product item tables designating the account to debit	705/41	705/40	Carlisle, William Reid et al.
77	US 5583995 A	19961210	Apparatus and method for data storage and retrieval using bandwidth allocation	709/219	709/231; 711/114; 711/148; 725/115; 725/116; 725/87; 725/92	Gardner, Alan S. et al.
78	US 5557798 A	19960917	Apparatus and method for providing decoupling of data exchange details for providing high performance communication between software processes	705/35	709/215; 709/229; 709/328	Skeen, Marion D. et al.
79	US 5495607 A	19960227	Network management system having virtual catalog overview of files distributively stored across network domain	707/10	710/100; 714/1	Pisello, Thomas et al.
80	US 5495603 A	19960227	Declarative automatic class selection filter for dynamic file reclassification	707/200		Fruchtman, Barry et al.
81	US 5381534 A	19950110	System for automatically generating efficient application - customized client/server operating environment for heterogeneous network computers and operating systems	709/203	717/149	Shi, Yuan
82	US 5333315 A	19940726	System of device independent file directories using a tag between the directories and file descriptors that migrate with the files	707/1	707/204; 709/105; 711/172; 715/533	Saether, Christian D. et al.
83	US 5263136 A	19931116	System for managing tiled images using multiple resolutions	345/538	345/555	DeAguiar, John R. et al.
84	US 5130992 A	19920714	File-based redundant parity protection in a parallel computing system	714/766	714/805	Frey, Jr., Alexander H. et al.
85	US 4825354 A	19890425	Method of file access in a distributed processing computer network	707/10	707/101	Agrawal, Rakesh et al.
86	US 4737983 A	19880412	Automatic call distributor telephone service	379/266.0 8	379/112.05 ; 379/221.01 ; 379/221.07 ; 379/223; 379/266.04	Frauenthal, James C. et al.
87	US 4642763 A	19870210	Batch file processing	709/101		Cummins, Edmund M.
88	GB 2257273 A	19930106	Data storage system with device independent file directories - translates tag value from tag directory into pointer for stored files disc and file descriptor entry, and generates new descriptor entry for copied file			SAETHER, C D et al.

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12	BRS	L13	37	12 and threshold\$1	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:10
13	BRS	L14	1	13 and http\$1	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:10
14	BRS	L15	9	13 and internet\$1	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:11
15	BRS	L12	88	10 and (automaticl\$4 same2 load\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:40
16	BRS	L16	3	599930.pn.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:40
17	BRS	L17	2	5999930.pn.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 12:44
18	BRS	L18	2	5617537.pn.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 13:29

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19	BRS	L19	31	(3985998, 5390318, 5737599, 5442760, 5628015, 5787470, 5787475, 5863207, 5864852, 5889958, 5991760, 6061715, 6067565, 6085226, "6112231").pn.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 13:38
20	BRS	L20	0	19 and (load\$4 same balanc\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/03/06 13:38